



Attorney's Docket No. 1005618-000007

Patent

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
Joseph Bishop ) Group Art Unit: 3673  
Application No.: 10/824,148 ) Examiner: FREDRICK C. CONLEY  
Filed: April 14, 2004 ) Confirmation No.: 6376  
For: LOADING SUPPORT STRUCTURE )  
FOR PATIENT TRANSPORT CART )

**APPEAL BRIEF**

**Mail Stop APPEAL BRIEF - PATENTS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This appeal is from the decision of the Primary Examiner dated October 18, 2005, finally rejecting Claims 1-13, 15-17, 19 and 20, which are reproduced as an Appendix to this brief.

A credit card form covering the \$250.00 Government fee is filed herewith. The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment to Deposit Account No. 02-4800.

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**I. Real Party in Interest**

The real party in interest with respect to this application is Tactical Medical Equipment Corp, the assignee of record in this application by virtue of the Assignment submitted on April 14, 2004.

**II. Related Appeals and Interferences**

There are no other prior or pending appeals, interferences or judicial proceedings known to the Appellant, the Appellant's legal representative, or the assignee which may be related to, directly affect or be directly affected by or have a bearing on the Board's decision in this pending appeal.

**III. Status of the Claims**

The claims currently pending in this application are 1-20, with Claims 1, 14, 15 and 18 being independent.

**IV. Status of Amendments**

There are no amendments submitted subsequent to the final Office Action.

**V. Summary of Claimed Subject Matter**

The appealed claims are generally directed to a patient support cart, e.g.; a stretcher, having a structure that supports one end of the cart while it is being loaded onto a raised platform, e.g., the back end of an ambulance, from its other end. An example of a cart with such a support structure is illustrated in Figures 2A, 2B and 2C of the application.

One of the embodiments at issue is directed to a combination of features directed to a support structure for supporting a rear portion of a patient transport cart. A main body assembly comprises at least one vertical tubular member and has a top, bottom, and middle section. A wheel assembly comprises at least one wheel. The wheel assembly is attached to the bottom of the main body assembly by a wheel attaching means (Figure 6, 240), wherein the at least one wheel is oriented to rotate about a horizontal axis while supporting the main body assembly. An attaching means (Figures 3A, 3B, 3C, 4A, 4B, 4C; 210) is for attaching the main body assembly to a member of the patient transport cart proximate to the rear portion of the patient transport cart. See paragraph [0026] of the present application.

Another of the embodiments at issue is directed to a combination of features directed to a patient transport cart having a support structure for supporting a rear portion of the patient transport cart. A main body assembly comprises at least one vertical tubular member and has a top, bottom and middle section. A wheel assembly comprises at least one wheel. The wheel assembly is attached to the bottom of the main body assembly by a wheel attaching means (Figure 6, 240). The wheel is oriented to rotate about a horizontal axis while supporting the main body assembly. An attaching means (Figures 3A, 3B, 3C, 4A, 4B, 4C; 210) is for attaching the main body assembly to a member of the patient transport cart approximate to the rear portion of the patient transport cart. See paragraph [0026] of the present application.

A number of advantages are derived from the above-noted embodiments. For example, as described in paragraph [0006] of the present application, one of the problems with the prior art is that an EMT must support the weight at the back of the

cart while the front is being supported by the ambulance bed when the cart is inserted into an ambulance.

Paragraph [0007] of the present application describes that the present embodiments support the rear of the cart while the cart is being guided into and/or is being withdrawn from the ambulance bed while the rear portion of the cart is not supported by the ambulance bed.

A.

Independent Claim 1

A patient transport cart assembly comprising:  
a patient support cart being supported by at least a first wheel assembly and a second wheel assembly;  
a support structure for supporting a rear portion of the patient transport cart, comprising:

a main body assembly comprising at least one vertical tubular member and having a top, bottom, and middle section;  
a third wheel assembly comprising at least one wheel, the third wheel assembly attached to the bottom of the main body assembly by a wheel attaching means (Figure 6, 240), wherein the at least one wheel is oriented to rotate about a horizontal axis while supporting the main body assembly; and

an attaching means (Figures 3A, 3B, 3C, 4A, 4B, 4C; 210) for attaching the main body assembly to a member of the patient transport cart proximate to the rear portion of the patient transport cart.

**Dependent Claim 2**

The support structure of claim 2, wherein the main body attaching means comprises at least one support member having first and second ends, the support member being attached to the main body assembly at the first end and having a mating portion at the second end, wherein said mating portion is adapted to be inserted into a receiving means attached to the member of the patient transport cart and be removably secured therein by a securing means of the mating portion.

**Dependent Claim 3**

The support structure of claim 2, wherein the main body attaching means comprises at least one support member having first and second ends, the support member being attached to the main body assembly at the first end and having a mating portion at the second end, wherein said mating portion is adapted to be inserted into a receiving means attached to the member of the patient transport cart and be removably secured therein by a securing means of the mating portion.

**Dependent Claim 4**

The support structure of claim 3, wherein the main body attaching means comprises two diagonal support members each having the mating portion and being attached to the main body assembly at the middle section.

Dependent Claim 5 The support structure of claim 3, wherein the securing means of the mating portion includes a spring loaded retractable button.

Dependent Claim 6

The support structure of claim 3, wherein the securing means of the mating portion includes a removable pin.

Dependent Claim 7 The support structure of claim 2, wherein the main body attaching means comprises at least one support member having first and second ends, the support member being attached to the main body assembly at the first end and having clamping means at the second end, wherein said clamping means are adapted to clamp on to the member of the patient transport cart and be removably secured thereto.

Dependent Claim 8 The support structure of claim 1, wherein the main body assembly comprises an upper member and a lower member, said

upper and lower members telescopingly cooperating under control of a height adjustment means.

**Dependent Claim 9**

The support structure of claim 8, wherein the height adjustment means comprises a knob connected to a threaded shaft adapted to thread through an interior of the upper member and apply force to the lower member, wherein turning the knob threads the threaded shaft through the interior of the upper member and applies the force to the lower member to thereby adjust a height of the support structure.

**Dependent Claim 10**

The support structure of claim 9, wherein the height adjustment means further comprises a crank handle attached to the knob.

**Dependent Claim 11**

The support structure of claim 8, wherein the height adjustment means comprises a ratcheting type height adjustment.

**Dependent Claim 12**

The support structure of claim 1, wherein the wheel assembly comprises two wheels attached to each other via a common member, the common member being attached to the bottom of the main body assembly.

Dependent Claim 13

The support structure of claim 1, wherein the wheel assembly is rotatably connected to the bottom of the main body assembly through a swivel pin, such that the wheel assembly rotates about a vertical axis.

B.

Independent Claim 15

A patient transport cart having a support structure for supporting a rear portion of the patient transport cart, the support structure comprising:

a main body assembly comprising at least one vertical tubular member and having a top, bottom, and middle section;

a wheel assembly comprising at least one wheel, the wheel assembly attached to the bottom of the main body assembly by a wheel attaching means (Figure 6, 240), wherein the at least one wheel is oriented to rotate about a horizontal axis while supporting the main body assembly; and an attaching means (Figures 3A, 3B, 3C, 4A, 4B, 4C; 210) for attaching the main body assembly to a member of the patient transport cart proximate to the rear portion of the patient transport cart. 16. (Original) The support structure of claim 15, wherein the support structure is removably attachable by the main body attaching means.

Dependent Claim 16

The support structure of claim 15, wherein the support structure is removably attachable by the main body attaching means.

Dependent Claim 17

The support structure of claim 16, wherein the main body attaching means comprises at least one support member having first and second ends, the support member being attached to the main body assembly at the first end and having a mating portion at the second end, wherein said mating portion is adapted to be inserted into a receiving means attached to the member of the patient transport cart and be removably secured therein by a securing means of the mating portion.

Dependent Claim 19

The support structure of claim 15, wherein the main body assembly comprises an upper member and a lower member, said upper and lower members telescopingly cooperating under control of a height adjustment means.

Dependent Claim 20

The support structure of claim 19, wherein the height adjustment means comprises a knob connected to a threaded shaft adapted to thread through an interior of the upper member and apply force to the lower member, wherein turning the knob threads the threaded shaft through the interior of the upper member and applies the force to the lower member to thereby adjust a height of the support structure.

**VI. Grounds of Rejection to be Reviewed**

Claims 1-8, 12 and 15-17 stand rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 6,662,388, hereinafter referred to as *Friel*. Claims 9-11, 13 and 20 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over *Friel* in view of U.S. Patent No. 2,127,309, hereinafter referred to as *Rickard*.

**A. U.S. Patent No. 6,662,388 (*Friel*)**

*Friel* discloses a patient lifting device to impart a vertical and corresponding horizontal force component upon a load. Basically, as shown in Fig. 1 of *Friel*, the patient adjusting device 1 has a lifting mechanism 9 that is supported on the floor by wheels 2 and has a boom 20 on its top side 7. The patient adjusting device 1 is positioned at the rear of a patient's bed and a connecting element 35 extends from the boom 20 to a sheet 13 on which the patient rests. The boom 20 is raised and tension is applied to the connecting elements 35, thereby pulling the sheet 13 and repositioning the patient toward the rear of the bed. That is, *Friel* refers to a device which is used to maneuver a bed-ridden patient into different positions while in a hospital bed, which is the object of *Friel*'s invention. In contrast to the above noted subject matter of the present application, *Friel*'s device is meant only for in-hospital use and in no way relates to supporting the weight at the end of a stretcher while the stretcher is being loaded into or being taken out of an ambulance. *Friel* discloses attaching chains to a sheet upon which a patient lies, and does not relate to supporting a patient transport cart.

B. Rejections

The Examiner finally rejects Claims 1-8, 12 and 15-17 under 35 U.S.C. § 102(b) as being anticipated over *Friel*. Beginning on page 2 of the Official Action, the Examiner states that *Friel* discloses all the features defined by Claims 1 and 15. Specifically, the Examiner states that:

"Claims 1 and 15, *Friel* discloses a support structure, comprising:

a main body assembly 9 comprising at least one vertical tubular member and having a top, bottom, and middle section defines a bore hole 18 extending throughout the middle of the tubular member,

a wheel assembly comprising at least one wheel 2, the wheel assembly attached to the bottom of the main body assembly by a wheel attaching means, wherein the at least one wheel is oriented to rotate about a horizontal axis while supporting the main body assembly, and

an attaching means (20, 31, 35)."

The Examiner goes on to state that:

"With regards to the Applicant's recitation 'for supporting a rear portion of a patient transport cart' and 'for attaching the main body assembly to a member of the patient transport cart proximate to the rear portion of the patient transport cart' a recitation of the intended use of the claimed invention must result in a structural difference between the claimed invention and the prior art in order to patentably distinguish

the claimed invention from the prior art. If the prior art structure is capable of performing the intended use, then it meets the claim. In a claim the intended use must result in a manipulative difference as compared to the prior art."

The Examiner finally rejects Claims 9-11, 13 and 20 under 35 U.S.C. § 103(a) as being unpatentable over *Friel* in view of U.S. Patent No. 2,127,309, hereinafter referred to as *Rickard*.

The Examiner states that: "[c]laims 9 and 20, Fried discloses all of the Applicant's claimed limitations except for the height adjusting means having a knob connected to a threaded shaft." The Examiner relies on *Rickard* for a disclosure of that subject matter. Similar remarks are made with regard to Claims 10, 11 and 13.

## VII. Argument

- A. The rejections of Claims 1 and 15 are improper because the Examiner has incorrectly interpreted means plus function claim language to be “intended use” language and applied incorrect standards of patentability to reject the claims.**

As noted above, Claim 1 recites in part: “an attaching means for attaching the main body assembly to a member of the patient cart proximate to the rear portion of the patient cart.”

According to MPEP § 2181(I), “[a] claim limitation invokes 35 U.S.C. § 112, sixth paragraph if it meets the following 3-prong analysis: (A) the claim limitations use the phrase “means for” or “step for;” (B) the “means for” or “step for” is modified by functional language; and (C) the phrase “means for” or “step for” is not modified by sufficient structure, material or acts for achieving the specified function.”

With regard to (A), Claim 1 recites “means for”. With regard to (B), the “means for” language in Claim 1 is modified by functional language “attaching the main body to a member of a patient transport.” With regard to (C), the language “means for” is not modified by structure, but only by the word “attaching”, which is a description of an action. Therefore, the language at issue in Claim 1 is means plus function language and invokes the standards of 35 U.S.C. § 112, sixth paragraph.

According to the MPEP § 2181(II), “a claim limitation expressed in means-plus-function language “shall be construed to cover the corresponding structure...described in the specification and equivalents thereof.””

In the specification, drawings and descriptions of a patient transport cart are provided that differ significantly from any disclosure in *Freil*. For example, paragraph [0002] of the present application states that “[p]atient transport carts, also called carts, are typically used for providing transport for a patient from a point of injury,

e.g., an accident scene, to an ambulance and again from the ambulance to a hospital bed." Notice how a patient transport cart is differentiated from a hospital bed. Further, paragraph [0022] states that "FIGs. 1A and 1B illustrate a conventional patient transport cart according to the prior art." Clearly, Figure 1A in the present application shows a cart with a bed and wheels for transporting patients.

In contrast to the present application, *Friel* discloses a patient lifting device to impart a vertical and corresponding horizontal force component upon a load. The patient adjusting device 1 has a lifting mechanism 9 that is supported on the floor by wheels 2 and has a boom 20 on its top side 7. The patient adjusting device is positioned at the rear of the patient's bed and a connecting element 35 extends from the boom 20 to a sheet 13 on which the patient rests. The boom 20 is raised and tension is applied to the connecting elements 35, thereby pulling the sheet 13 and repositioning the patient toward the rear of the bed.

In setting forth the rejection of Claim 1, the Examiner cites *Friel*. The Examiner takes the position that *Friel* discloses each and every feature of Claim 1 because the recitation in Claim 1 that "an attaching means for attaching the main body assembly to a member of the patient transport cart approximate to the rear portion of the patient transport cart" is merely intended use language and that the device disclosed in *Friel* is capable of performing that intended use. The Examiner states on page 2, lines 21-24 that "a recitation of the intended use of the claimed invention must result in a structural difference between the claimed invention and the prior art in order to patentably distinguish the claimed invention from the prior art. If the prior art structure is capable of performing the intended use, then it meets the claim."

The Examiner's statement with regard to intended use language is not applicable to the means plus function language recited in Claim 1, which invokes different standards. The correct burden on the Examiner is not to show that the cited art could perform the intended use. Rather, he must cite a reference that shows each and every feature recited in Claim 1, namely that the reference performs the identical function specified in the claims, and does so with the corresponding structure described in the specification, or equivalents thereof (See MPEP 2182).

Therefore, the Examiner has applied incorrect standards for evaluating the patentability of Claim 1 and the rejection must be withdrawn.

Also, even if the correct standard is applied, Claim 1 is still allowable. First, the device of *Friel* does not perform the identical function recited in the claims, namely "attaching the main body assembly to a member of the patient transport cart proximate to the rear portion of the patient transport cart." Second, the device in *Friel* is not, and is not an equivalent to, a patient transport cart. Therefore, *Friel* does not disclose an attaching means for attaching a main body assembly to a member of a patient transport cart proximate to the rear portion of the patient transport cart, as recited in Claim 1 and described in the specification. For at least that reason too, the rejection of Claim 1 must be withdrawn.

Claim 15 recites means plus function language similar to the language in Claim 1, and must be allowed for similar reasons as discussed above in connection with similar language in Claim 1.

- B. The rejection of Claims 1 and 15 must also be withdrawn because Claims 1 and 15 positively recite the feature “a patient transport cart” and the Examiner has not shown where or how that feature is disclosed in *Friel*.**

Claims 1 and 15 positively recite a patient transport cart. Claim 1 recites in part "a patient transport cart being supported by at least a first wheel assembly and a second wheel assembly." Claim 15 recites in part "[a] patient transport cart having a support structure for supporting a rear portion of the patient transport cart" and "an attaching means for attaching the main body assembly to a member of the patient transport cart proximate to the rear portion of the patient transport cart."

The rejections of Claims 1 and 15 must be withdrawn at least because *Friel* does not disclose or suggest a patient transport cart. Rather, *Friel* only discloses a hospital bed, which is not a patient transport cart. Further, in setting forth the rejection of Claim 15, the Examiner does not even attempt to explain where or how *Friel* discloses or suggests a patient transport cart, as recited in Claims 1 or 15. Therefore, a proper rejection under 35 U.S.C. § 102(b) has not been set forth at least because *Friel* does not disclose a patient transport cart and the Examiner has not shown where or how each and every claimed feature is disclosed in *Friel*. For at least those reasons, the rejection of Claims 1 and 15 must be withdrawn.

**C. Rejection of Dependent Claims 2 and 16**

Claims 2 and 16 recite that the support structure is removably attachable by the main body attaching means.

The Examiner proposes that the chains 35 and sheet 13 disclose that claimed subject matter. However, as mentioned above, *Friel* does not disclose the means, or equivalents thereof, that are described in the present application. For at least that reason, the rejections of Claims 2 and 16 must be withdrawn.

**D. Rejection of Dependent Claims 3 and 17**

Claims 3 and 17 recite that the body attaching means comprises at least one support member having first and second ends, the support member being attached to the main body assembly at the first end and having a mating portion at the second end, wherein said mating portion is adapted to be inserted into a receiving means attached to the member of the patient transport cart and be removably secured therein by securing means of the mating portion.

The rejections of Claims 3 and 17 must be withdrawn because *Friel* does not disclose the means, or equivalents thereof, that are described in the present application. *Friel* instead discloses a chain 35 connecting to a sheet 13. Thus, *Friel* does not disclose the subject matter of Claim 3 and 17 and the rejection must be withdrawn.

**E. Rejection of Dependent Claim 4**

Claim 4 recites that the main body attaching means comprises two diagonal support members each having a mating portion being attached to the main body assembly at the middle section.

The Examiner proposes that the chains 35 in *Friel* serve as the support members, that the bore hole 18 serves as the claimed middle section, and that the chains are attached at the bore holes 18. However, it is apparent from Figure 1 in *Friel* that the chains 35 are attached at the attachment points 31 on the attachment boom 20, and not at the bore hole 18. Further, the structure in *Friel* is not the same as the structure, or equivalents therefore, described in the specification, and therefore cannot disclose the claimed means. For at least those reasons, the rejection of Claim 4 must be withdrawn.

**F. Rejection of Dependent Claim 5**

Claim 5 defines that the securing means of the mating portion includes a spring loaded retractable button.

The Examiner acknowledges that *Friel* does not disclose such, but states that "[t]he equivalency of buttons, pins, hooks, and clamps for providing a fastening means is well known and it would have been obvious for one having ordinary skill in the art at the time of the invention to employ a button, removable pin, or clamp in order to provide an alternate means for closure." However, the Examiner rejects Claim 5 under 35 U.S.C. § 102(b), which requires that each claimed feature be disclosed. Based on the Examiner's admission, it is not proper to reject Claim 5 under 35 U.S.C. § 102(b) in view of *Friel* because *Friel* does not disclose each and

every feature. For at least those reasons, the rejection of Claim 5 must be withdrawn.

#### **G. Rejection of Dependent Claim 6**

Claim 6 defines that the securing means of the mating portion includes a removable pin.

The Examiner acknowledges that *Friel* does not disclose such, and states that "[t]he equivalency of buttons, pins, hooks, and clamps for providing a fastening means is well known and it would have been obvious for one having ordinary skill in the art at the time of the invention to employ a button, removable pin, or clamp in order to provide an alternate means for closure." However, the Examiner rejects Claim 6 under 35 U.S.C. § 102(b), which requires that each claimed feature be disclosed. Based on the Examiner's admission, it is not proper to reject Claim 6 under 35 U.S.C. § 102(b) in view of *Friel* because *Friel* does not disclose each and every feature. For at least those reasons, the rejection of Claim 6 must be withdrawn.

#### **H. Rejection of Dependent Claim 7**

Claim 7 defines in part that the support member is attached to the main body assembly at the first end and has clamping means at the second end, wherein the clamping means are adapted to clamp on to the member of the patient transport cart and be removably secured thereto.

The Examiner acknowledges that *Friel* does not disclose such, but states that "[t]he equivalency of buttons, pins, hooks, and clamps for providing a fastening

means is well known and it would have been obvious for one having ordinary skill in the art at the time of the invention to employ a button, removable pin, or clamp in order to provide an alternate means for closure." However, the Examiner rejects Claim 7 under 35 U.S.C. § 102(b), which requires that each claimed feature be disclosed. Based on the Examiner's admission, it is not proper to reject Claim 7 under 35 U.S.C. § 102(b) in view of *Friel* because *Friel* does not disclose each and every feature. For at least those reasons, the rejection of Claim 7 must be withdrawn.

#### **I. Rejections of Claims 8, 12 and 19**

The rejections of Claims 8, 12 and 19 stand and fall with the rejections of Claims 1 and 15 respectively.

#### **J. Rejections of Claims 9-11 and 20**

Claims 9-11 and 20 depend from Claims 1 or 15, respectively. *Rickard* does not remedy the deficiencies of the rejections of Claims 1 and 15, as pointed out herein. The rejections of 9-11 and 20 are therefore deficient for at least the same reasons and must be withdrawn too.

**Conclusion**

For the reasons stated above, it is requested that all the rejections be withdrawn and that this application be allowed in a timely manner.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: June 19, 2006

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## CLAIMS APPENDIX

### TheAppealed Claims:

1. A patient transport cart assembly comprising:
  - a patient support cart being supported by at least a first wheel assembly and a second wheel assembly;
    - a support structure for supporting a rear portion of the patient transport cart, comprising:
      - a main body assembly comprising at least one vertical tubular member and having a top, bottom, and middle section;
      - a third wheel assembly comprising at least one wheel, the third wheel assembly attached to the bottom of the main body assembly by a wheel attaching means, wherein the at least one wheel is oriented to rotate about a horizontal axis while supporting the main body assembly; and
      - an attaching means for attaching the main body assembly to a member of the patient transport cart proximate to the rear portion of the patient transport cart.
2. The support structure of claim 1, wherein the support structure is removably attachable by the main body attaching means.
3. The support structure of claim 2, wherein the main body attaching means comprises at least one support member having first and second ends, the support member being attached to the main body assembly at the first end and having a mating portion at the second end, wherein said mating portion is adapted to be

inserted into a receiving means attached to the member of the patient transport cart and be removably secured therein by a securing means of the mating portion.

4. The support structure of claim 3, wherein the main body attaching means comprises two diagonal support members each having the mating portion and being attached to the main body assembly at the middle section.
5. The support structure of claim 3, wherein the securing means of the mating portion includes a spring loaded retractable button.
6. The support structure of claim 3, wherein the securing means of the mating portion includes a removable pin.
7. The support structure of claim 2, wherein the main body attaching means comprises at least one support member having first and second ends, the support member being attached to the main body assembly at the first end and having clamping means at the second end, wherein said clamping means are adapted to clamp on to the member of the patient transport cart and be removably secured thereto.
8. The support structure of claim 1, wherein the main body assembly comprises an upper member and a lower member, said upper and lower members telescopingly cooperating under control of a height adjustment means.

9. The support structure of claim 8, wherein the height adjustment means comprises a knob connected to a threaded shaft adapted to thread through an interior of the upper member and apply force to the lower member, wherein turning the knob threads the threaded shaft through the interior of the upper member and applies the force to the lower member to thereby adjust a height of the support structure.

10. The support structure of claim 9, wherein the height adjustment means further comprises a crank handle attached to the knob.

11. The support structure of claim 8, wherein the height adjustment means comprises a ratcheting type height adjustment.

12. The support structure of claim 1, wherein the wheel assembly comprises two wheels attached to each other via a common member, the common member being attached to the bottom of the main body assembly.

13. The support structure of claim 1, wherein the wheel assembly is rotatably connected to the bottom of the main body assembly through a swivel pin, such that the wheel assembly rotates about a vertical axis.

15. A patient transport cart having a support structure for supporting a rear portion of the patient transport cart, the support structure comprising:

a main body assembly comprising at least one vertical tubular member and having a top, bottom, and middle section;

a wheel assembly comprising at least one wheel, the wheel assembly attached to the bottom of the main body assembly by a wheel attaching means, wherein the at least one wheel is oriented to rotate about a horizontal axis while supporting the main body assembly; and

an attaching means for attaching the main body assembly to a member of the patient transport cart proximate to the rear portion of the patient transport cart.

16. The support structure of claim 15, wherein the support structure is removably attachable by the main body attaching means.

17. The support structure of claim 16, wherein the main body attaching means comprises at least one support member having first and second ends, the support member being attached to the main body assembly at the first end and having a mating portion at the second end, wherein said mating portion is adapted to be inserted into a receiving means attached to the member of the patient transport cart and be removably secured therein by a securing means of the mating portion.

19. The support structure of claim 15, wherein the main body assembly comprises an upper member and a lower member, said upper and lower members telescopingly cooperating under control of a height adjustment means.

20. The support structure of claim 19, wherein the height adjustment means comprises a knob connected to a threaded shaft adapted to thread through an interior of the upper member and apply force to the lower member, wherein turning

the knob threads the threaded shaft through the interior of the upper member and applies the force to the lower member to thereby adjust a height of the support structure.

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**EVIDENCE APPENDIX**

None

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**RELATED PROCEEDINGS APPENDIX**

None